ID :3342 Old Pathri Roh Bridge __ __ __ __ __

on Chainage 33.350 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Div Dehradun Division

Bridge Inventory Report

Division: NH Div Dehradun

Data not-yet finalized

General
Name of Division : 60
Revenue Block Name : 94
Chainage (at Mid Point) : 33.350
Road/ Segment Name : 15
Bridge Type : Motor Bridge High Level
Structure No : 34/2
Feature Intersected : Pathri Roh River
Name of Bridge : Old Pathri Roh Bridge
Nearest Town : Laksar
Latitude (Northing) : 29.75972222
Longitude (Easting) : 78.06993333
Construction Year : 1965
Inventory Year : 2023
Work Code(s) : --
Geometric
Overall length (in meter) : 90.10
Total No of Span : 5
Maximuam Span (in meter) : 22.90
Span Arragment : 1x10.70+3x22.90+1x10.70
No of Lane : 2.000
Overall Width (m) : 7.500
Carriageway Width (m) : 6.900
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 10.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 105.000
OFL Ordinary Flood Level : 102.000
LWL Low Water Level : 100.000
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre :
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Severe

Seismic Importance factor : 1.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Arch
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 4
Abutment Type : other
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : no protection work provided
Bank Protection Right Side of Up-stream : no protection work provided
Bank Protection Left Side of Down-stream : no protection work provided
Bank Protection Right Side of Down-stream : no protection work provided
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Mahabir Lal

